GTTA	AAACO	CAC A	ACTAI				_						AGG Arg			50
					1				5					10		
															TGT	98
Pro	Leu	Val	Pro 15	Ser	Val	Ser	Gly	Gln 20		Asp	Leu	ı Leu	Val 25		Cys	
			AAA Lys					His					Asp		AAG Lys	146
			TCT Ser				Trp									179

FIGURE 1

GTCT	AAA	CA A	TAAL	CAAC	EA TI	TCTI	TAAAT	ACA	CTGI	TTC	CAGA	AAGA	GC I	TATTI	TAAC		60
GAAC	CAAC	CTC F	AAGA	TAT	CC CI	TCGA	ACAGA	AGI	GGAA	GTG	CTGA	AAAA	TG C	CTCAI	CTCTC	2	120
ACAC	CAGAC	TT 7	TGAT	GGAC	CA GO	GAGTT	TTTA	A AGI	TATC	ATGC	CTAC	CAAC	CAA C	CTGI	AAA		178
							GAT Asp										226
							GCA Ala										274
							AAC Asn 40										322
							ACG Thr										370
							ATA Ile									•	418
							CCA Pro										466
							TAC Tyr										514
							TAC Tyr 120										562
							TGC Cys										610
							ACG Thr										658
							ACT Thr										706

GAC ATC ATC TAT CTA AAA GCT GTG AAC GTG CTG AAC CTC ACT CGA CTG Asp Ile Ile Tyr Leu Lys Ala Val Asn Val Leu Asn Leu Thr Arg Leu 180 185 190	754
ACA TTT TTT TTC TTG ATT CCT TTG TTC ATC ATG ATT GGG TGC TAC TTG Thr Phe Phe Leu Ile Pro Leu Phe Ile Met Ile Gly Cys Tyr Leu 195 200 205	802
GTC ATT ATT CAT AAT CTC CTT CAC GGC AGG ACG TCT AAG CTG AAA CCC Val Ile Ile His Asn Leu Leu His Gly Arg Thr Ser Lys Leu Lys Pro 210 215 220	850
AAA GTC AAG GAG AAG TCC ATA AGG ATC ATC ATC ACG CTG CTG GTG CAG Lys Val Lys Glu Lys Ser Ile Arg Ile Ile Ile Thr Leu Leu Val Gln 230 235 240	898
GTG CTC GTC TGC TTT ATG CCC TTC CAC ATC TGT TTC GCT TTC CTG ATG Val Leu Val Cys Phe Met Pro Phe His Ile Cys Phe Ala Phe Leu Met 245 250 255	946
CTG GGA ACG GGG GAG AAC AGT TAC AAT CCC TGG GGA GCC TTT ACC ACC Leu Gly Thr Gly Glu Asn Ser Tyr Asn Pro Trp Gly Ala Phe Thr Thr 260 265 270	994
TTC CTC ATG AAC CTC AGC ACG TGT CTG GAT GTG ATT CTC TAC TAC ATC Phe Leu Met Asn Leu Ser Thr Cys Leu Asp Val Ile Leu Tyr Tyr Ile 275 280 285	1042
GTT TCA AAA CAA TTT CAG GCT CGA GTC ATT AGT GTC ATG CTA TAC CGT Val Ser Lys Gln Phe Gln Ala Arg Val Ile Ser Val Met Leu Tyr Arg 290 295 300	1090
AAT TAC CTT CGA AGC ATG CGC AGA AAA AGT TTC CGA TCT GGT AGT CTA Asn Tyr Leu Arg Ser Met Arg Arg Lys Ser Phe Arg Ser Gly Ser Leu 305 310 315 320	1138
CGG TCA CTA AGC AAT ATA AAC AGT GAA ATG TTA TGAATAATAA GGTTCTTTCA Arg Ser Leu Ser Asn Ile Asn Ser Glu Met Leu 325 330	1191
TTTCAATCCC ATCAAAATTC ACTTCACTAA CTACTCTGGC GTCAATGGAT ATTCTGTATA	1251
ATACTATCAA GTCCCTTTTC TCTTGAAAAA ATAAATTCAT TATCTTCATT TTAAAAACTT	1311
AAA	1314

ATTC	:GGC'I	"I'A (TICAC	TATA	AG GC	3CTC(BAGCG	GCC	3CCCC	3GGC	AGG"	CAAC	AC 1	GCTC	CTCTC		60
TGCC	CGACT	CAC A	ACAC	SATTO	G AC									CA A Ser T		1	111
			TAT Tyr													1	159
			CTG Leu	_						_		_	_	_		2	207
			CCT Pro 45								_	_			_	2	255
			ATG Met													3	303
			GAT Asp													3	351
			ACT Thr											_		3	399
			AAA Lys								_			_		4	147
			TCT Ser 125										_			4	1 95
			GTA Val													į	543
			ATC Ile									_				į	591

FIGURE 3A

ATA CCC CAG CT Ile Pro Gln Le 170			Val Asn			Cys 1	_
CCC ATT TTC CC Pro Ile Phe Pr							
ATG CTA GAG AT Met Leu Glu II 20	le Cys Ile	Gly Phe					
GTG TGC TAC TT Val Cys Tyr Ph 220							_
AAA ATA TCT CC Lys Ile Ser Ar 235							
ATT GTC ACT CA Ile Val Thr Gl 250						Ala	
GAC ATC ATC TA							
GAC ATC GCC AT Asp Ile Ala Il 28	le Gln Val	Thr Glu			_		
CTC AAC CCA AT Leu Asn Pro II 300							
GTT ATG AAA GT Val Met Lys Va 315							
AGT GTG GAG GA Ser Val Glu Gl 330		Phe Asp				Pro '	
AGT ACT TTT AC Ser Thr Phe Se		AGGTAAA A	CTGCTCTG	GC CTTTT	GCTTG GA	racat <i>i</i>	ATG 1174
AATGATGCTT TCC	CCCTCAAA T	AAAACATCT	GCATTAT	TTCT GAA	ACTCAAA '	TCTCA	GACGC 1234
CGTGGTTGCA ACT	ГТАТААТА А	AGAATGGGT	TGGGGGA	AAGG GGG	AGAAATA	AAAGC	CAAGA 1294
AGAAGAAACA AGA	АТААТААТ	GTACAAAAC	ATGAAAA	AAA ATTA	TGAACAA	TATAG	GAAAA 1354

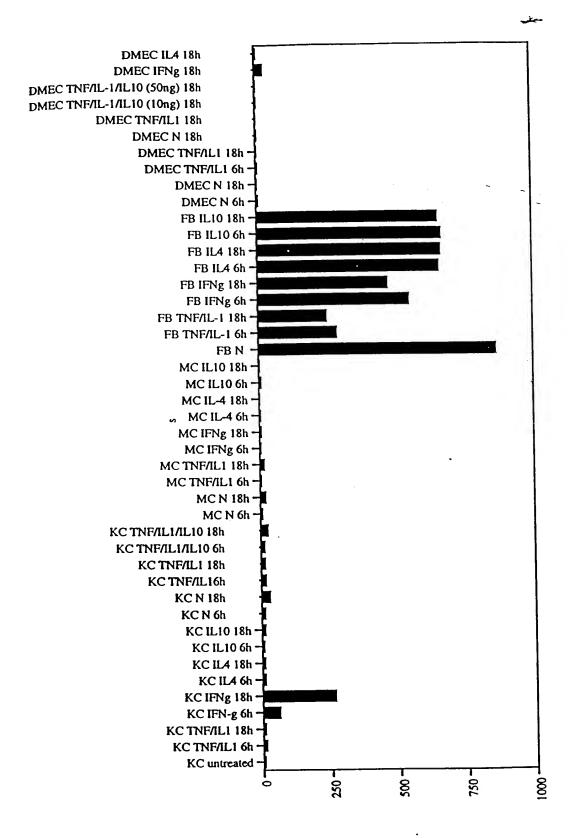
TAATTGTAAC AGGCATAAGT GAATAACACT CTGCTGTAAC GAAGAAAACT TTGTGGTG	AT 1414
AATTTTGTAT CTTGGTTGCA GTGGTGCTTA TACCAATCTA CACCAGTGAT AAAATGACCC	1474
AGAACTATTT CCCCCCTTGT TCCCATTTCA ATTTCCTGGT TTTGACATTA TAGTATAATT	1534
ATGTTAGATG GAACC	1549

FIGURE 3C

GATGCATGCT CGAGCGGCCG CCAGTGTGAT GGATATCTGC AGAATTCGGC TTACTCACTA	60
TAGGGCTCGA GCGGCCGCCC GGGCAGGTCC CTCCAACAAG ACGCAGCACA GAGACACCAC	120
CTACCTAACA CAGGCGACTC TGAGCACTCT CTCTCTGGGA CTGGGCAGAG CGGCAAACGG	180
TCACCTCTCA GACAGCCTTT GACAGACAGG AGGTTCTACA TACCATGGGA GCCAGCCTGC	240
TGTAAGATGG CCACCCTGAG CAATCACAAC CAGCTTGATC TTTCTAATGG CTCACACCCA	300
GAGGAATACA AAATCGCAGC CCTAGTCTTC TACAGCTGCA TCTTCCTGAT TGGGCTGTTT	360
GTTAATGTCA CTGCGTTGTG GGTTTTCAGC TGTACGACCA AGAAAAGAAC ACAGTGACCA	420
TCTACATG ATG AAC GTT GCA CTA CTG GAC CTC GTA TTT ATA CTC AGT CTG Met Asn Val Ala Leu Leu Asp Leu Val Phe Ile Leu Ser Leu 1 5 10	470
CCC TTT CGG ATG TTT TAC TAT GCA AAA GGC GAG TGG CCA TTT GGA GAG Pro Phe Arg Met Phe Tyr Tyr Ala Lys Gly Glu Trp Pro Phe Gly Glu 15	518
TAC TTC TGC CAC ATT CTT GGG GCC CTG GTG GTG TTT TAC CCA AGC CTC Tyr Phe Cys His Ile Leu Gly Ala Leu Val Val Phe Tyr Pro Ser Leu 35 40 45	566
GCT CTG TGG CTT CTT GCT TTC ATT AGT GCT GAC AGA TAC ATG GCC ATC Ala Leu Trp Leu Leu Ala Phe Ile Ser Ala Asp Arg Tyr Met Ala Ile 50 55 60	614
GTA CAG CCA AAA TAT GCC AAG GAG CTG AAG AAC ACC GGC AAG GCC GTG Val Gln Pro Lys Tyr Ala Lys Glu Leu Lys Asn Thr Gly Lys Ala Val 65 70 75	662
CTT GCG TGT GGG GGG GTC TGG GTA ATG ACC CTG ACC ACC ACT GTC CCC Leu Ala Cys Gly Gly Val Trp Val Met Thr Leu Thr Thr Thr Val Pro 80 85 90	710
CTG CTA CTG CTC TAC GAA GAC CCA GAC AAT GCC TCC TCC CCG GCC ACC Leu Leu Leu Leu Tyr Glu Asp Pro Asp Asn Ala Ser Ser Pro Ala Thr 95	758
TGC CTG AAG ATC TCC GAC ATC ACC CAC TTA AAA GCT GTC AAC GTG CTC Cys Leu Lys Ile Ser Asp Ile Thr His Leu Lys Ala Val Asn Val Leu 115 120 125	806
AAC TTC ACG CGA CTC ATA TTT TTC TTC CTG ATC CCT TTG TTC ATC ATG Asn Phe Thr Arg Leu Ile Phe Phe Phe Leu Ile Pro Leu Phe Ile Met 130 135 140	854

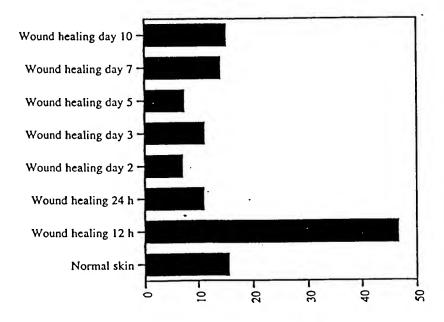
												GG C	AG AC	G	902
												ATC Ile		95	0
												ATC Ile		99	8
												CCC Pro 205		104	6
												GAT Asp	_	109	14
												ATC Ile		114	.2
												AGT Ser		119	0
	Ser											ATG Met		123	8
TGA	GTCA	GAG (CAAG	CTGC	CA G'	тстт	CAGT	C TC	TTT					127	3

					lu As				er Pi	ro Ti				TC AG	nr	46
	1				5					10				-	15	
														TAC Tyr 30		94
														CTG Leu		142
														GGC Gly		190
	CGG Arg 65											TGA	GTCA(GAG		236
CAA	GCTG	CCA (GTCT'	TCAG'	rc T	CTTT	AAAA	r TC	TTTT	CCTA	TCT	ACTT'	FCG (GGTG	AACCAG	296
CAT	rcta	CAC 1	TATC	CAGT	CC C'	TTCT	CTAA	CAA	AGAG	TAAA	AAT	AATG	ATG .	AACT'	TAAAA	356
ACT	rctg	CGG '	TATT	CTGT	GT A'	TTCT	AGCC	A CA	TGAT'	AAAT	AAC'	Г				400



hBLR-X [fg/50ng cDNA]

Fig 6



BLRX [fg/25 ng cDNA]

Fig. 7